



Indian Institute of Technology Kanpur

Department of Mechanical Engineering

Dr. Bishakh Bhattacharya

Professor

Telephone-(+) 91- 512-259-7824

Fax- (+) 91-512-259-7408

Email: bishakh@iitk.ac.in

Enquiry No.: ME/BB/2017/3D

Opening Date: Nov 23, 2017

Closing Date: Dec 04, 2017

Sealed Quotation is invited for Ultimaker 3 Extended 3D Printer of the following specification

Technology	Fused Filament Fabrication
Print head	Dual nozzle, with lifting mechanism on 2nd nozzle, Easily swappable print cores.
Build volume	Left nozzle: 215x215x300mm, Right nozzle: 215x215x300mm,
Diameter of filament	2.85 mm
Layer resolution	0.4mm nozzle: 20 - 200 micron
Step accuracy X, Y, Z	12.5, 12.5, 2.5 micron
Travel speed of print head	30 - 300 mm/s
Flow speed of material	0.40: up to 16mm ³ /s
Types of material	PLA, PVA, ABS, CPE, Nylon
Diameter of nozzle	0.4mm
heat up time of nozzle	< 2 min
heat up time of build plate	< 4 min (20 - > 60 °C)
Nozzle replacement	Easily swappable print cores
Filament storage	Open, reel holder incl guide for 2 spools of 750g, NFC system to automatically detect
Connectivity	Wi-Fi, Ethernet, stand-alone via USB-drive
Supplied software	Cura 2 official Ultimaker software
File type & file Transfer	STL, OBJ, 3MF: Print direct from Cura via Network, Stand-alone USB drive printing
Free on-site service	At least 01 year after sells
Installation and training	Free of cost

General terms and conditions of purchase:

1. All quotation must reach undersigned before or on Dec 04, 2017 at 1500 Hrs.
2. Quotation must be valid for 60 days.
3. Delivery period should not be more than 06 weeks.
4. Send complete detail of the product(s).
5. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
6. Institute is exempted for payment of E. Duty under notification No. 10/97 & maximum educational discounts should be applied – we are an educational Institution and this equipment will be used to teach and train students.
7. Prices should be for IIT Kanpur & should include the delivery, installation and training cost.
8. Payment term,
 - a) For foreign currency through LC.
 - b) For Rupees payment 90% on delivery & 10% after satisfactory using /working.
9. Please do mention tender number clearly on the envelope.
10. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Your early response in this matter would be highly appreciated.

Sincerely,

Dr. Bishakh Bhattacharya

Professor

Department of Mechanical Engineering

Indian Institute of Technology Kanpur, Kanpur- 208016